

Recovery Plan Action Status

Plan Name: Recovery Plan for Clear Creek Gambusia

Plan Status: Final

Plan Date: 14-Jan-82

Lead Agency: USFWS

Lead Office: Austin Ecological Services Field Office

(914)
490-0057)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Clear Creek gambusia (Gambusia heterochir)	2	1.0	Maintain and enhance population and habitat	Ongoing Current	Prior to FY 1995		Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	Composed of tasks 1 to 1.16
Clear Creek gambusia (Gambusia heterochir)	2	1.1	Species requirements	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.11	Competition with G. affinis	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.12	Prey species biology	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.13	Reproductive variables	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.14	Predation	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.15	Survivorship	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	

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Clear Creek gambusia (Gambusia heterochir)	2	1.16	Diseases and parasites	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.2	Habitat requirements	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	Composed of tasks 1.2 to 1.27
Clear Creek gambusia (Gambusia heterochir)	3	1.21	Map Clear Creek	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.22	Substrate and sediment distribution	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.23	Seasonal changes in chemistry and temp.	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.24	Seasonal distribution of aquatic plants	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.25	Seasonal distribution of fishes	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	2	1.27	Define habitat requirements	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.3	Manage Clear Creek gambusia	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	Composed of tasks 1.3 to 1.32

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Clear Creek gambusia (Gambusia heterochir)	3	1.31	Monitor population and habitat	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.311	Establish monitoring procedures & schedules	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.312	Remedial activity	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.313	Reclassify status	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Other: Administration	Internal Technical Assistance, Species Expert	
Clear Creek gambusia (Gambusia heterochir)	3	1.32	Maintain captive population	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Management	Management: Propagation	Internal Field Assistance, Internal Technical Assistance	
Clear Creek gambusia (Gambusia heterochir)	3	1.4	Manage Clear Creek	Not Started			USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	Composed of tasks 1.4 to 1.44
Clear Creek gambusia (Gambusia heterochir)	3	1.41	Secure protection	Not Started			USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.411	Secure headspring area	Not Started			USFWS Regional Office 2, Management	Acquisition: General	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.42	Restore original habitat	Not Started			USFWS Regional Office 2, Management	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	1.43	Recommend critical habitat	Obsolete			USFWS Regional Office 2, Management	Other: Regulations	Internal Administrative, Internal Technical Assistance	

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Clear Creek gambusia (Gambusia heterochir)	3	1.44	Designate critical habitat	Obsolete			USFWS Regional Office 2, Management	Other: Regulations	Internal Administrative, Internal Technical Assistance	
Clear Creek gambusia (Gambusia heterochir)	3	2.0	Public information	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Region 2 education	Work type not yet selected	Labor type not yet selected	Composed of tasks 2.1 to 2.2
Clear Creek gambusia (Gambusia heterochir)	3	2.1	Information pamphlet	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Region 2 education	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	2.2	News releases	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Region 2 education	Work type not yet selected	Labor type not yet selected	
Clear Creek gambusia (Gambusia heterochir)	3	3.0	Law enforcement	Ongoing Current	Prior to FY 1995		Texas Parks and Wildlife Department, USFWS Regional Office 2, Region 2 education	Other: Law Enforcement	Internal Technical Assistance	Composed of tasks 3.1 and 3.2
Clear Creek gambusia (Gambusia heterochir)	3	3.1	Status	Ongoing Current	Prior to FY 1995		Texas Parks and Wildlife Department, USFWS Regional Office 2, Region 2 education	Other: Information and Education, Other: Law Enforcement	Internal Administrative, Internal Technical Assistance	
Clear Creek gambusia (Gambusia heterochir)	3	3.2	Habitat integrity	Not Started			Texas Parks and Wildlife Department, USFWS Regional Office 2, Region 2 education	Other: Information and Education, Other: Regulations	Internal Technical Assistance	